

Primary Functions of WFO Personnel in the Hydrology Program

The operational staff at the WFO consists of the following positions:

MIC	Meteorologist In Charge*
WCM	Warning Coordination Meteorologist*
SOO	Science Operations Officer*
DAPM	Data Acquisition Program Manager*
ESA	Electronics System Analyst*
MET	Meteorologists (Senior, Journeyman, and Intern)
HMT	Hydro Meteorological Technicians
SH	Service Hydrologist (not in all offices)

* The MIC, WCM, SOO, DAPM, and ESA are members of the management team in the WFO.

Specific duties for each position can be found in the position description documents. These documents can be found in the Human Resources and Position Management Plan for the National Weather Service Modernization and Associated Restructuring, issued in 1993. What follows is a brief overview and generalization of the duties.

Meteorologist In Charge (MIC)

The MIC is the overall manager of the WFO. The MIC manages all aspects of the office program in accordance with NWS policies, and is ultimately responsible for the hydrology program in his/her office. The MIC delegates the management of the program to the Service Hydrologist, or Hydrology Program Manager.

Warning Coordination Meteorologist (WCM)

The WCM is the liaison between the NWS and all local customers of NWS products and services in the County Warning Area. The WCM works closely with the SH/HFP to coordinate hydrologic products and related services with local customers. The WCM manages the preparedness program for the local area, which includes preparedness for all hydrology related hazards. He/She coordinates this with the SH/HFP. The WCM conducts outreach activities in collaboration with the SH/HFP to educate customers on NWS hydrologic products and services.

Science Operations Officer (SOO)

The SOO serves as the technical director and principal scientific advisor to the MIC and the WFO staff. The SOO keeps his/her pulse on recent scientific advances in the fields of

meteorology and hydrology as they relate to improving the operations of the WFO program. The SOO works with the SH to plan and implement hydrology training and new hydrology technology for the office.

Data Acquisition Program Manager (DAPM)

The DAPM manages the data network activities for the WFO, which includes collecting, quality controlling and disseminating hydrometeorological data to support the hydrology program of the office. The DAPM ensures quality control measures are in place for all hydrometeorological data sources in the WFO.

Electronics System Analyst (ESA)

The ESA manages the computer systems (hardware and software) for the office. The ESA prioritizes equipment repair for all NWS owned equipment.

Meteorologists (MET)

The METs on station produce all operational products for the WFO, such as all routine and non-routine forecasts, warnings, and statements, including hydrologic products. Senior Meteorologists act as shift leaders and are responsible for all products issued by the WFO during his/her operational shift.

Hydro Meteorological Technicians (HMT)

HMTs act as forecaster aids to the meteorologists on duty. Typically the HMTs handle public service requests and perform data collection and data quality control duties. The HMTs are also capable of preparing routine and non-routine forecast products for the Senior Meteorologists, including hydrologic products. They can also monitor how well hydrologic forecasts are tracking, and notify the Senior Meteorologist when forecasts need updating.

Service Hydrologist (SH)/ Hydro Focal Point (HFP)

The responsibilities of the SH/HPM are covered in another section.